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To: [Handley, Bianca](#)
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Subject: NHO: April 2021 monthly progress report
Date: Monday, May 10, 2021 2:16:08 PM
Attachments: [R35216 NHO: 2021 May Remediation Monthly Prog Report.pdf](#)

Bianca,

The April 2021 progress report for NHO is attached for your review and approval; the updated construction schedule is forthcoming.

Please let me know if you have any questions regarding this matter.

Thank you,

Michael Taraszki, PG, CHG, PMP

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May 10, 2021

Project 8620200310

Ms. Bianca Handley
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105

Subject: April 2021 Monthly Progress Report (electronic submittal)

North Hollywood Operable Unit
Second Interim Remedy
Groundwater Remediation Design

Dear Ms. Handley:

On behalf of Honeywell International Inc., attached is the April 2021 monthly progress report for North Hollywood Operable Unit (NHOU) Second Interim Remedy (2IR) treatment activities, pursuant to the October 2017 Unilateral Administrative Order for Remedial Action (U.S. EPA Region IX CERCLA Docket No. 2017-06; UAO) that became effective on February 1, 2018, and the First Amendment to the UAO (CERCLA Docket No. 2019-12) dated July 8, 2019.

Please contact me at (510) 663-4100 if you have questions regarding this submittal.

Sincerely,
Wood Environment & Infrastructure Solutions, Inc.

Michael Taraszki, PG CA 6457, CHG CA 586, PMP
Project Principal

MT/MR

https://woodplc.sharepoint.com/teams/bayareadocusafe/honeywell/nhou/03.0 doc and data control/monthly progress reports/2021/2021.05.10/r35216 nhou_2021 may_remediation_monthly prog report.docx

Attachment: April 2021 Monthly Progress Report

cc: Mike Heitmann (Honeywell)
Vahe Dabbaghian (LADWP)
Rochelle Dungca (LADWP)
Nicole Alkov and Christina Humphreys (RWQCB-LA)
Laura Radke (DTSC)
Chi Diep (SWRCB DDW)
Sonja Donaldson (OTIE)
Kevin Murdock (Jacobs)

APRIL 2021 NHOU Monthly Progress Report

ACTIVITIES COMPLETED FOR THE REPORT PERIOD

- Honeywell/Wood completed potholing along the Phase 2B discharge line alignment on April 2;
- Wood submitted design revisions (structural) regarding equipment pads for supplemental plan check by the LA Department of Building and Safety (LADBS) for the Phase 1B Groundwater Treatment System construction; LADBS approved structural design revisions on April 5;
- Wood submitted design revisions (structural) regarding final equipment anchoring and cable and pipe supports for supplemental plan check by LADBS for the Phase 1B Groundwater Treatment System construction on April 12;
- Wood submitted plans for electrical and building review by LADBS for the five remote extraction well sites for the Phase 1B Groundwater Treatment System construction on April 16;
- Wood demonstrated virtual inspection equipment (HoloLens2) to EPA on April 26;
- Honeywell/Wood performed the annual basin-wide groundwater sampling event between April 4 and 23;
- Wood received plan approval for hazardous materials use and storage from the Los Angeles Fire Department on April 30;
- Wood continued excavating the northern portion of Lankershim Yard and inside the warehouse and installing underground piping and foundation forms and rebar;
- Honeywell/Wood continued to coordinate with LADWP to develop plans to investigate a previously unknown below-grade structure in the southeast corner of Lankershim Yard; and
- Honeywell/Wood continued to develop the Step 5 report in support of LADWP's efforts to obtain an amended drinking water permit from the Division of Drinking Water (DDW), pursuant to the DDW's 97-005 Policy Memo.

ANTICIPATED ACTIVITIES FOR THE NEXT SIX WEEKS

- Honeywell/Wood actions:
 - Wood will complete supplemental plan checks and obtain all necessary permits to continue with construction of the Phase 1B Groundwater Treatment System;
 - Wood will continue with underground piping installations and pouring concrete for sumps, trenches, and equipment foundations in the northern portion of Lankershim Yard and inside the warehouse;
 - Wood will begin work at offsite locations, including preparations to install pipelines along Parcel C and equipment pad installations at the five extraction well sites;
 - Wood design engineers (Phase 1B and Phase 2B) will visit the site the week of May 17;

APRIL 2021 NHOU Monthly Progress Report (continued)

- On behalf of LADWP, Honeywell/Wood will complete investigation of the unknown below-grade structure and two anomalies on Lankershim Yard;
- Honeywell/Wood will perform potholing along the Phase 2B influent/collector line alignment once LABOE permits have been received;
- Honeywell/Wood will upload analytical results from the basin-wide groundwater sampling by July 2021;
- Honeywell/Wood will submit the Intermediate (60%) Design for the Phase 2B conveyance for EPA and LADWP review in May 2021;
- Wood will submit a Phase 1B Groundwater Treatment System commissioning plan for LADWP/DDW review; and,
- Honeywell/Wood will continue supporting LADWP with the DDW 97-005 permit process.
- LADWP actions (anticipated):
 - Coordinate with Wood regarding construction activities associated with the Phase 1B Groundwater Treatment System (including review of contractor submittals and issued-for-construction drawings);
 - Coordinate with Wood on outstanding Phase 2B conveyance design decisions and review the Phase 2B Intermediate (60%) Design;
 - LADWP's Power Group will sign-off on the designs for the Phase 1B stormwater conveyance, Phase 1B wellheads, and Phase 2B conveyance;
 - Continue to coordinate with Honeywell/Wood regarding the recently discovered below-grade structure on Lankershim Yard; and,
 - Continue development and submittal of documents associated with the DDW 97-005 permit process, including a virtual meeting with DDW, tentatively scheduled for May 27.
- U.S. EPA actions (anticipated):
 - Perform periodic site inspections of the Phase 1B Groundwater Treatment System construction, as needed; and,
 - Review the Intermediate (60%) Design for the Phase 2B.

APRIL 2021 NHOU Monthly Progress Report (continued)

ANTICIPATED ACTIVITIES FOR THE NEXT SIX MONTHS

- Honeywell/Wood actions:
 - Wood will complete underground piping installations, construct exterior equipment pads north and south of the warehouse and interior equipment pads within the warehouse, install aboveground electrical and piping supports, and install major equipment components of the treatment system;
 - Wood will provide contractor submittals for the Phase 1B Groundwater Treatment System to LADWP for review;
 - Honeywell/Wood will continue to support LADWP with the DDW 97-005 process.
- LADWP actions (anticipated):
 - Review submittals and issued-for-construction drawings associated with the Phase 1B Groundwater Treatment System;
 - Participate in Phase 1B Groundwater Treatment System construction meetings;
 - Review the Intermediate (60%) Design for the Phase 2B conveyance; and,
 - Continue development and submittal of documents associated with the DDW 97-005 process, including meeting(s) with DDW.
- U.S. EPA actions (anticipated):
 - Perform periodic site inspections of the Phase 1B Groundwater Treatment System, and participate in associated construction meetings, as required; and,
 - Approve the Intermediate (60%) Design for the Phase 2B conveyance.

SCHEDULE UPDATE

- An updated Phase 1B Groundwater Treatment System construction schedule will be provided by May 15.

ISSUES AND CORRECTIVE ACTIONS

- No substantial actions this month.

UNRESOLVED ISSUES/POTENTIAL IMPACTS TO SCHEDULE/WORK PLAN (FOR EPA APPROVAL)

- Discovery of a below-grade structure in the southeast corner of Lankershim Yard on February 23 required that a site geophysical survey be performed to confirm that additional vaults are not present before construction continues in this area. Failure to reestablish access to the southern part of the Yard in May will impact the Phase 1B construction schedule;
- Utility shutdowns on Lankershim Yard as needed to be performed by LADWP were delayed due to partial impact by COVID-19 restrictions; new utility connections to construction trailers have also been delayed (possible force majeure: schedule pushed out by over two months);

APRIL 2021 NHOU Monthly Progress Report (continued)

UNRESOLVED ISSUES/POTENTIAL IMPACTS TO SCHEDULE/WORK PLAN (CONTINUED)

- Impacts from COVID-19 restrictions on Wood's schedule will be updated monthly for the duration of the impacts; costs will be evaluated as incurred or known; and,
- The LADBS building permit process (for Phase 1B construction) has been much slower than ordinarily anticipated due to impacts on LADBS staffing/resources resulting from COVID-19 restrictions (possible force majeure: schedule currently pushed out by approximately three months).
- The BOE permitting process (for Phase 2B potholing) has also been much slower than anticipated due to impacts on staffing/resources from COVID-19 restrictions: design schedule currently pushed out by approximately two months); and,
- Similarly, obtaining clearance from LADWP Power Group has been delayed, in part, from COVID-19 restrictions, which has caused delays to Honeywell/Wood's schedule for performing its scope within the transmission corridor (e.g., Phase 2B conveyance alignment; schedule currently pushed out by approximately two months).

DESIGN CHANGES OF NOTE

- No substantial design changes this month.